

Amendments to the Substitute Specification

Please replace the paragraph in lines 7-28 on page 15 with the flowing amended paragraph:

The forefoot, midfoot and hindfoot portions of the foot keel 2 are formed of a single piece of resilient material in the example embodiment. For example, a solid piece of material, elastic in nature (resilient), having shape-retaining characteristics (semi-rigid) when deflected by the ground reaction forces can be employed. More particularly, the foot keel and also the calf shank can be formed of a semi-rigid, resilient metal alloy or a laminated composite material having reinforcing fiber laminated with polymer matrix material. In particular, a high strength graphite, Kevlar, or fiberglass laminated with epoxy thermosetting resins, or extruded plastic utilized under the tradename of Delran, or degassed polyurethane copolymers, may be used to form the foot keel and also the calf shank. The functional qualities associated with these materials afford high strength with low weight and minimal creep. The thermosetting epoxy resins are laminated under vacuum utilizing prosthetic industry standards. The polyurethane copolymers can be poured into negative molds and the extruded plastic can be machined. Each material of use has its advantages and disadvantages. It has been found that the laminated composite material for the foot keel and the calf shank can also advantageously be a thermo-formed (prepreg) laminated composite material manufactured per industry standards, with reinforcing fiber and a thermoplastic polymer matrix material for superior mechanical expansion qualities. A suitable commercially available composite material of this kind is CYLON[®] made by Cytec Fiberite Inc. of Havre de Grace, Maryland.